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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 11.4264 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613B-15

Perfect score: 602

Sequence: 1 QMNAFQQRHIIITPILCNF.....ICVKCENQYFVHPAGIGRCP 110

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database:

Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	588.5	97.8	111	2	US-08-891-848-12
2	588.5	97.8	111	3	US-08-875-811-8
3	284.5	17.3	104	1	US-08-467-955-2
4	277.5	16.1	104	4	US-09-394-268-1
5	277.5	16.1	104	4	US-09-687-748-1
6	277.5	16.1	129	3	US-08-875-811-63
7	277.5	16.1	379	3	US-08-875-811-43
8	274.5	15.6	104	1	US-08-283-971-1
9	274.5	15.6	104	1	US-07-921-619-1
10	274.5	15.6	104	1	US-08-467-955-1
11	274.5	15.6	104	2	US-08-891-848-13
12	274.5	15.6	105	3	US-08-875-811-39
13	274.5	15.6	355	3	US-08-875-811-41
14	274.5	15.6	358	3	US-08-875-811-51
15	272.5	14.3	104	3	US-08-875-811-1
16	272.5	14.3	104	4	US-09-394-268-2
17	272.5	14.3	104	4	US-09-071-672-1
18	272.5	14.3	104	4	US-09-687-748-2
19	272.5	14.3	106	3	US-08-875-811-28
20	272.5	14.3	107	3	US-08-875-811-30
21	272.5	14.3	112	3	US-08-875-811-32
22	272.5	14.3	251	3	US-08-875-811-59
23	272.5	14.3	254	3	US-08-875-811-61
24	272.5	14.3	355	3	US-08-875-811-49
25	272.5	14.3	355	3	US-08-875-811-57
26	272.5	14.3	355	3	US-08-875-811-64
27	272.5	14.3	366	3	US-08-875-811-55

28	267.5	44.4	105	3	US-08-875-811-24	Sequence 24, Appl.
29	267.5	44.4	105	3	US-08-875-811-26	Sequence 26, Appl.
30	263.5	43.8	358	3	US-08-875-811-45	Sequence 45, Appl.
31	263.5	43.8	365	3	US-08-875-811-53	Sequence 53, Appl.
32	249.5	41.4	107	3	US-08-875-811-20	Sequence 20, Appl.
33	239.5	39.8	111	3	US-08-875-811-70	Sequence 70, Appl.
34	236	39.2	114	4	US-09-223-118-3	Sequence 3, Appl.
35	227.5	37.8	360	3	US-08-875-811-47	Sequence 47, Appl.
36	227	37.7	114	4	US-09-223-118-2	Sequence 2, Appl.
37	226	37.5	114	4	US-09-223-118-1	Sequence 1, Appl.
38	225	37.4	114	4	US-09-223-118-4	Sequence 4, Appl.
39	206	34.2	83	4	US-08-875-811-2	Sequence 2, Appl.
40	206	34.2	83	4	US-09-071-672-3	Sequence 3, Appl.
41	163	27.1	169	1	US-08-441-629-2	Sequence 2, Appl.
42	163	27.1	169	3	US-08-776-207-2	Sequence 2, Appl.
43	163	27.1	169	4	US-09-507-773-2	Sequence 2, Appl.
44	163	27.1	169	5	PCT-US95-09172-2	Sequence 2, Appl.
45	124.5	20.7	125	6	5171845-2	Patent No. 5171845

ALIGNMENTS

RESULT 1
US-08-891-848-12
Sequence 12, Application US/08891848
Patent No. 5955073
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.
APPLICANT: Newton, Dianne L.
APPLICANT: Nicholls, Peter J.
TITLE OF INVENTION: Selective Rhase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848
FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/125,462
FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/014,082
FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/779,195
FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/510,696
FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-11031005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid

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; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..111
; OTHER INFORMATION: /note="Frog Lectin from Rana
; OTHER INFORMATION: catesbelana"
US-08-891-848-12

Query Match          97.8%; Score 588.5; DB 2; Length 111;
Best Local Similarity 98.2%; Pred. No. 4.5e-61;
Matches 109; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

QY 1 QNMATFOOKHIIPII-CNTIMDNNTIYVGGCKRVNTFISSATVKAICGVIMNV 59
Db 1 ENMATFOOKHIIPIIINCNTIMDNNTIYVGGCKRVNTFISSATVKAICGVIMNV 60

QY 60 LSTRFOLNCTRTSITPRCPYSSRTETNYICVCKENQYVPHFAGIGRCP 110
Db 61 LSTRFOLNCTRTSITPRCPYSSRTETNYICVCKENQYVPHFAGIGRCP 111

RESULT 2
US-08-875-811-8
; Sequence 8, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Boque, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/02588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Faris, Susan K.
; REGISTRATION NUMBER: 41,739
; REFERENCE/DOCKET NUMBER: 015280-244100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 111 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..111
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; OTHER INFORMATION: /note="Frog Lectin from Rana
; OTHER INFORMATION: catesbelana"
US-08-875-811-8

Query Match          97.8%; Score 588.5; DB 3; Length 111;
Best Local Similarity 98.2%; Pred. No. 4.5e-61;
Matches 109; Conservative 1; Mismatches 0; Indels 1; Gaps 1;

QY 1 QNMATFOOKHIIPII-CNTIMDNNTIYVGGCKRVNTFISSATVKAICGVIMNV 59
Db 1 ENMATFOOKHIIPIIINCNTIMDNNTIYVGGCKRVNTFISSATVKAICGVIMNV 60

QY 60 LSTRFOLNCTRTSITPRCPYSSRTETNYICVCKENQYVPHFAGIGRCP 110
Db 61 LSTRFOLNCTRTSITPRCPYSSRTETNYICVCKENQYVPHFAGIGRCP 111

RESULT 3
US-08-467-955-2
; Sequence 2, Application US/08467955
; Patent No. 5728805
; GENERAL INFORMATION:
; APPLICANT: Ardelt Ph.D, Wojciech J.
; TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark H. Jay, P.A.
; STREET: P.O. Box E
; CITY: Short Hills
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07078-0383
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,955
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/178,118
; FILING DATE: 06-APR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/436,141
; FILING DATE: 13-NOV-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/814,332
; FILING DATE: 03-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/283,970
; FILING DATE: 01-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jay, Mark H.
; REGISTRATION NUMBER: 27507
; REFERENCE/DOCKET NUMBER: 5007 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-912-9066
; TELEFAX: 201-912-0442
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 104 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: N
; ANTI-SENSE: N
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: Rana pipiens
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DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-2

Query Match 47.38; Score 284.5; DB 1; Length 104;
Best Local Similarity 49.58; Pred. No. 7.6e-26;
Matches 55; Conservative 16; Mismatches 31; Indels 9; Gaps 4;

OY 1 QNMTFQOKHINT-PIICNTIMDNIIYVGGCKRVNTFLISSATVKAICTGVI-NMN 58
1 EDMLTFQKHITRTDVCNDIMSTNLF---HCKDKNTFLYSRPEPVKAICKGIIASKN 56

DB 59 VLSITRQLMTCRTSTTPRCPPYSSRTETNYICVKCENQPVHFGAGICRC 109
57 VLTISEYFLSDC---NVTSRCKYKLLKSTNKFVTCENQAPVHFGVGC 104

RESULT 4
US-09-394-268-1

Sequence 1, Application US/09394268
Patent No. 6175003
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K
TITLE OF INVENTION: NUCLEIC ACIDS-ENCODING RIBONUCLEASES AND METHODS OF
FILE REFERENCE: 5013
CURRENT APPLICATION NUMBER: US/09/394,268
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-394-268-1

Query Match 46.18; Score 277.5; DB 4; Length 104;
Best Local Similarity 49.58; Pred. No. 4.9e-25;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

OY 1 QNMTFQOKHINT-PIICNTIMDNIIYVGGCKRVNTFLISSATVKAICTGVI-NMN 58
1 EDMLTFQKHITRTDVCNDIMSTNLF---HCKDKNTFLYSRPEPVKAICKGIIASKN 56

DB 59 VLSITRQLMTCRTSTTPRCPPYSSRTETNYICVKCENQPVHFGAGICRC 109
57 VLTISEYFLSDC---NVTSRCKYKLLKSTNKFVTCENQAPVHFGVGC 104

RESULT 5
US-09-687-748-1

Sequence 1, Application US/09687748
Patent No. 6423515
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K
TITLE OF INVENTION: METHODS OF MAKING NUCLEIC ACIDS ENCODING RIBONUCLEASES
FILE REFERENCE: 5013 US 01
CURRENT APPLICATION NUMBER: US/09/687,748
CURRENT FILING DATE: 2000-10-14
PRIOR APPLICATION NUMBER: 09/394,268
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-687-748-1

Query Match 46.18; Score 277.5; DB 4; Length 104;
Best Local Similarity 49.58; Pred. No. 4.9e-25;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

OY 1 QNMTFQOKHINT-PIICNTIMDNIIYVGGCKRVNTFLISSATVKAICTGVI-NMN 58

DB 1 QNMTFQOKHITRTDVCNDIMSTNLF---HCKDKNTFLYSRPEPVKAICKGIIASKN 56

OY 59 VLSITRQLMTCRTSTTPRCPPYSSRTETNYICVKCENQPVHFGAGICRC 109
57 VLTISEYFLSDC---NVTSRCKYKLLKSTNKFVTCENQAPVHFGVGC 104

RESULT 6
US-08-875-811-63

Sequence 63, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodaver, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.

REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-875-811-63

Query Match 46.18; Score 277.5; DB 3; Length 129;
Best Local Similarity 49.58; Pred. No. 6.4e-25;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

OY 1 QNMTFQOKHINT-PIICNTIMDNIIYVGGCKRVNTFLISSATVKAICTGVI-NMN 58
26 QDMLTFQKHITRTDVCNDIMSTNLF---HCKDKNTFLYSRPEPVKAICKGIIASKN 81

DB 59 VLSITRQLMTCRTSTTPRCPPYSSRTETNYICVKCENQPVHFGAGICRC 109
82 VLTISEYFLSDC---NVTSRCKYKLLKSTNKFVTCENQAPVHFGVGC 129

RESULT 7
US-08-875-811-43
Sequence 43, Application US/08875811
Patent No. 6045793

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GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fairs, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 379 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-43

Query Match      46.1%; Score 277.5; DB 3; Length 379;
Best Local Similarity 49.5%; Pred. NO. 2.4e+24;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4

OY      1 ONMAPEFOOKHINT-PILICNTIMDNITIVGQCCKRVNTPFISSATTVKAICTGYI-MKN 58
Db      26 QPMLTFQKHITNRDVCDDNMISTNL---HCCKMTFFIYSRREPVAIKCIKGIIASKN 81

OY      59 VLSTRPOLNCTFTSITPRCPYSSRTETNYVICVACENOVYPVHFAGIGRC 109
Db      82 VLTSERYLSDC--NWTSRPCKRKIKKSTKKFCYTCHNQAPVHFVGWSC.129

RESULT 8
US-08-283-971-1
Sequence 1, Application US/08283971
Patent No. 5529775
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D. Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/283,971
FILING DATE:
CLASSIFICATION: 435
Prior Application Data:
APPLICATION NUMBER: US 07/921,180
FILING DATE: 30-JUL-1992
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
Prior Application Data:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5006 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: NO. 5529775 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-08-283-971-1

Query Match          45.6%; Score 274.5; DB I: Length 104;
Best Local Similarity 48.6%; Pred. No. 1,le-24;
Matches   54: Conservative    16; Mismatches   32; Indels     9; Gaps      4

QY       1 QNATFOOKHIITN~PIICNTIMDNIIYVGGOCKRVNTFISSATTVKAICTGYI-NMN 58
Dd       1 EDWLTFKHTTRTDVDCDINDMGSTNL---HCKDKNTFLYSREPYKAICKIGTIAASN 56
OY       59 VLSTTRPLNCTRTSITPRCPSPSRRETNYVICWKCENQPVHFAGIGRC 109
        |||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||::|||
Db       57 VLTTSPTLSDC---NVTSRPCKYKLKKSTNKFCVTCEMQAPVHEGVGSC 104

RESULT 9
US-07-921-619-1
Sequence 1, Application US/07921619
Patent No. 5595734
GENERAL INFORMATION:
APPLICANT: Argelt Ph.D., Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: No. 5595734 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-07-921-619-1

Query Match 45.68; Score 274.5; DB 1; Length 104;
Best Local Similarity 48.68; Pred. No. 1.1e-24;
Matches 54; Conservative 16; Mismatches 32; Indels 9; Gaps 4;

OY 1 ONMATPOOKHIIIN-PIICNTIMDNIIYIVGCGKRVNTFISSATVKAICTGVI-NMN 58
DB 1 EDWLTFQKHITNRDVCNDIMSTNLF---HCKDKNTFIYSRPEPKAICKIILSKN 56
OY 59 VLSSTRQDLNCTRTSTITPRCPYSSRTETNYICVKCENQYPVHAGIGRC 109
DB 57 VLTISEFYLSDC--NWTSRCPKYKLLKSTKFCVTCENQAPVHFGVGC 104

RESULT 10
US-08-467-955-1

Sequence 1, Application US/08457955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Aidelit Ph.D, Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118

FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-0442
TELEFAX: 201-912-0442
TELEX: No. 5728805 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-1

Query Match 45.68; Score 274.5; DB 1; Length 104;
Best Local Similarity 48.68; Pred. No. 1.1e-24;
Matches 54; Conservative 16; Mismatches 32; Indels 9; Gaps 4;

OY 1 ONMATPOOKHIIIN-PIICNTIMDNIIYIVGCGKRVNTFISSATVKAICTGVI-NMN 58
DB 1 EDWLTFQKHITNRDVCNDIMSTNLF---HCKDKNTFIYSRPEPKAICKIILSKN 56
OY 59 VLSSTRQDLNCTRTSTITPRCPYSSRTETNYICVKCENQYPVHAGIGRC 109
DB 57 VLTISEFYLSDC--NWTSRCPKYKLLKSTKFCVTCENQAPVHFGVGC 104

RESULT 11
US-08-891-848-13

Sequence 13, Application US/08891848
Patent No. 5955073
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Youle, Richard J.
APPLICANT: Newton, Dianne L.
APPLICANT: Nicholls, Peter J.
TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,848
FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530

RESULT 13
 US-08-875-811-41
 Sequence 41, Application US/08875811
 Patent No. 6045793
 GENERAL INFORMATION:
 APPLICANT: Rybak, Susanna M.
 APPLICANT: Newton, Dianne L.
 APPLICANT: Boque, Luis
 APPLICANT: Wlodawer, Alexander
 TITLE OF INVENTION: Recombinant Ribonuclease Proteins
 NUMBER OF SEQUENCES: 64
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/875,811
 FILING DATE: 19-FEB-1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US97/02588
 FILING DATE: 19-FEB-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/011,800
 FILING DATE: 21-FEB-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Paris, Susan K.
 REGISTRATION NUMBER: 41,739
 REFERENCE/DOCKET NUMBER: 015280-24410005
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US-08-8/5-B11-1				
Query Match	45.3%	Score 272.5	DB 3	Length 104
Best Local Similarity	49.1%	Pred. No. 1.9e+24		
Matches 54	Conservative 15	Mismatches 33	Indels 9	Gaps 4

